CLAIMS:

- A synthetic sports or recreation surface including: a drainage layer including a first flexible backing sheet and a plurality of synthetic tufts, said tufts being attached to and extending upwardly from said first backing sheet; a water-permeable synthetic turf layer disposed above the drainage layer, said turf layer including a second flexible backing sheet and a plurality of synthetic ribbons extending upwardly from said second backing sheet to provide a playing surface, said second backing sheet being water-permeable; attachment means for attaching said synthetic turf layer to said drainage layer; and a layer of a granular infill material filling the voids between the ribbons in the synthetic turf layer.
- 2. A synthetic sports or recreation surface according to claim 1 wherein said tufts in
 the drainage layer are loop pile tufts.
 - 3. A synthetic sports or recreation surface according to claim 2 wherein said loop pile tufts are tufted into said first backing sheet.
- 4. A synthetic sports or recreation surface according to claim 3 wherein said tufts are arranged in parallel rows, said tufts being tufted into the first backing sheet at a gauge of about 1/4".
- 5. A synthetic sports or recreation surface according to claim 2 wherein the height of the loop pile tufts lies between 3 and 9 mm.
 - 6. A synthetic sports or recreation surface according to claim 5 wherein said height is about 5-7 mm.
- 7. A synthetic sports or recreation surface according to claim 2 wherein said loop pile tufts are made of polypropylene, polyethylene or a polypropylene and polyethylene blend.

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- 8. A synthetic sports or recreation surface according to claim 1 wherein said tuft material is the form of a yarn.
- 5 9. A synthetic sports or recreation surface according to claim 1 wherein said first backing sheet is latex-backed.
 - 10. A synthetic sports or recreation surface according to claim 1 wherein the first backing sheet is less water-permeable than the second backing sheet.
- 11. A synthetic sports or recreation surface according to claim 1 wherein the first backing sheet has a water permeability of less than 10%.
- 12. A synthetic sports or recreation surface according to claim 11 wherein the first
 15 backing sheet has a water permeability of about 3-5%.
 - 13. A synthetic sports or recreation surface according to claim 1 wherein said attachment means is a seaming tape.
- 20 14. A synthetic sports or recreation surface according to claim 1 wherein said second backing sheet is micro-perforated.
 - 15. A synthetic sports or recreation surface according to claim 14 wherein said perforation is uniform.
- 16. A synthetic sports or recreation surface including: a drainage layer including a first flexible backing sheet and a plurality of synthetic tufts, said tufts being attached to and extending upwardly from said first backing sheet; a water-permeable synthetic grass layer disposed above the drainage layer, said grass layer including a second flexible
 30 backing sheet and a plurality of synthetic ribbons, representing blades of grass, said synthetic ribbons being attached to and extending upwardly from said second backing

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sheet, said backing sheet being water-permeable; and attachment means for attaching said synthetic grass layer to said drainage layer.

- 17. A synthetic sports or recreation surface according to claim 16 wherein said tufts in
 5 the drainage layer are loop pile tufts.
 - 18. A synthetic sports or recreation surface according to claim 17 wherein said loop pile tufts are tufted into said first backing sheet.
- 19. A synthetic sports or recreation surface according to claim 18 wherein said tufts are arranged in parallel rows, said tufts being tufted into the first backing sheet at a gauge of about 1/4".
- 20. A synthetic sports or recreation surface according to claim 17 wherein the height
 of the loop pile tufts lies between 3 and 9 mm.
 - 21. A synthetic sports or recreation surface according to claim 20 wherein said height is about 5-7 mm.
- 20 22. A synthetic sports or recreation surface according to claim 16 wherein said first backing sheet is latex-backed.
 - 23. A synthetic sports or recreation surface according to claim 16 wherein the first backing sheet is less water-permeable than the second backing sheet.
 - 24. A synthetic sports or recreation surface according to claim 16 wherein the first backing sheet has a water permeability of less than 10%.
- 25. A synthetic sports or recreation surface according to claim 24 wherein the first backing sheet has a water permeability of about 3-5%.

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26. A synthetic sports or recreation surface according to claim 16 wherein sa	aid
attachment means is a seaming tape.	

- 27. A synthetic sports or recreation surface according to claim 16 wherein said second
 5 backing sheet is micro-perforated.
 - 28. A synthetic sports or recreation surface according to claim 27 wherein said perforation is uniform.